

DOVE

Speculum Anni à partu Virginis

AN

for the yeare of our

1659.

and from the Worlds Creation

5657.

Calculated properly for the famous

where the Pole is elevated 52 degrees
and 17 minutes.

But may indifferently serve for any other
place within this Nation.

Printed by

Universitie.

Printer to the

1659.

Anno Dom. 1659.

The	<i>Golden number</i>	7
The	The Cycle of the Sun	16
The	The Epact	17
Sundayes	after Trinity	25

April 3

The	Creation of the World	5657
	Floud of Noah	4002
	Promise made to Abraham	3578
	Coming of the Israelites out of Egypt	3143
	Building of London	2766
	Building of Doncaster	2707
	Foundation of the Temple by K. Solomon	2669
	Building of York	2647
	Beginning of the Captivity	2265
	Burning of the Temple by Nebuchadnezzar	2246
	Building of it again by Zorobabel	2178
	Beginning of Daniels 70 Weeks	2110
	Building of the Tower in London	2068
	Death of Alexander the Great	1982
	Building of	1959
	Conquest of Britain by Julius Cesar	1712
	Constitution of the Julian years	1703
	Baptisme of Christ	1627
	Death of Christ	1623
	Destruction of Jerusalem by the Romanes	1589

In this last Number 1589, we finde 227 times seven, with nothing at all remaining.

The

parts thereof are attributed to the
twelve Signes.



NOte that an unguent or plaister is best ap-
plied, when the Moon is in that signe
which is attributed unto that member whereunto
it is applied. But not so in letting of blood.

57
01
78
43
66
707
669
647
265
246
173
110
068
982
959
1712
1703
1627
1613
1589

with
The

January hath xxv.

Last quarter the sixth day, 29 minutes past four morning.
 New moon the 12 day, 15 minutes past nine at night.
 First quarter the 20 day, 53 min. past five in the morning.
 Full moon the 28 day, 51 minutes past eight before noon

1	8		31	Sun	24	Leo	24	♂ ♀ ☾	Scarce
2		2 fund. aft. Chr.	32	place.	25	Virg.	7	♂ ♀	7 fair.
3	C	h 29 54 ☾	33		26		20	♂ ♀	Very cold
4	D	Telephorus	34		27	Libra	3	♂ ♀	winde on the
5	E	4 9 39 ♀	35		28		16	♂ ♀	dayes.
6	F		36		29	Scorp.	6	♂ ♀	Frost and snow.
7	G	Iuliana	37		30		14	♂ ♀ ☾	Thick
8	H	5 24 2 ♀	38		31		28	♂ ♀ ☾	aire with
9		1 aft. Epiph.	39		1	Sag.	13	♂ ♀	hard frost and
10	I		40		2		27	♂ ♀	inow.
11	D	2 1 11 ♀ ret	41		3	Capr.	12	♂ ♀ ☾	Thick
12	E	♀ 20 27 ☾	42		4		27	♂ ♀ ☾	and rain.
13	F	Hilary Bish.	43		5	Aquar.	12	♂ ♀	More milde.
14	G	Feltz	44		6		26	♂ ♀ ☾	Wind
15	H	h 0 17 m	45		7	Pisces	10	♂ ♀	& wet.
16	I	2 after Epiph.	46		8		23	♂ ♀ ☾	Fair and
17	J	4 8 4 ♀	47		9	Aries	9	♂ ♀ ☾	freezing.
18	K	Passca	48		10		19	♂ ♀	Some
19	L	5 2 3 ♀	49		11	Taur.	1	♂ ♀	inow threatned.
20	M	Octab. Hilar.	50		12		13	♂ ♀ ☾	
21	N	Agnes	51		13		25	♂ ♀ ☾	very cold.
22	O	2 28 49 ☾	52		14	Gem.	7	♂ ♀	Apog.
23	P	3 aft. Epiph.	53		15		18	♂ ♀	clouds scatter. snow
24	Q		54		16	Canc.	6	♂ ♀	winde and wet.
25	R	5 Pauls day	55		17		12	♂ ♀	V. c. ♀
26	S	♀ 25 43 ☾	56		18	Leo	25	♂ ♀	Cold rain or
27	T	Quind. Hilar.	57		19		7	♂ ♀	Td. ☾ h inow.
28	U	h 0 26 m	58		20		20	♂ ♀	The 28 and 30
29	V	4 6 31 ♀	59		21	Virg.	3	♂ ♀	winde and wet.
30	W	Septuagesima	60		22		16	♂ ♀ ☾	Very
31	X	3 10 52 ♀	61		23	Libra	0	♂ ♀	windy. * ♀ ☾

This moneth in old time hath been set forth in the shape of one with two faces; with the one he looked into the old year, and with the other into the new: and was called *January* from *Janus*, in honour of whom it came to be so named by *Numa*, the second King of the *Romanes*.

January.

Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	8	53	55	
2	8	43	56	
3	8	33	57	
4	8	13	59	
5	8	04	0	
6	7	58	4	3
7	7	57	4	3
8	7	56	4	4
9	7	55	4	5
10	7	53	4	7
11	7	52	4	8
12	7	51	4	9
13	7	49	4	11
14	7	48	4	12
15	7	46	4	14
16	7	45	4	15
17	7	44	4	16
18	7	43	4	17
19	7	41	4	19
20	7	40	4	20
21	7	39	4	21
22	7	37	4	23
23	7	35	4	25
24	7	33	4	27
25	7	31	4	29
26	7	29	4	31
27	7	27	4	33
28	7	25	4	35
29	7	23	4	37
30	7	21	4	39
31	7	19	4	41

February hath 28 or 29 days.

Last quarter the 4 day, 24 minutes past 1 after noon.
 New moon the 11 day, 14 min. past 9 in the morning.
 First quarter the 19 day, about 3 in the morning.
 Full moon the 26 day, 6 minutes past 11 at night.

1	D	h	0	26	m	12	56	Libra	14	3	☉ ♀	cold rain
2	E					13	56		18	or snow.	♂ h ☾	
3	F	Craft.	Purif.			14	57	Scorp.	12	☐	♂ ☾	
4	G	♂	5	45	Ω	15	58		26	North rain and		
5	A	♂	14	35	♊	16	58	Sag.	10	cold.		
6	B	Sexagesima				17	59		24	* ☉ ☾		
7	C	♂	19	37	☿	18	59	Capr.	7	♂ h ☾		
8	D					19	59		23		Like to be	
9	E	Octab.	Purif.			1	0	Aquar.	6	♂ cold snowie, or		
10	F	♂	12	34	☿	2	0		20	moist season.		
11	G	♂	4	58	Ω	3	1	Pisces	4	♂ h ☾		
12	A					4	1		18	Fair and good wea-		
13	B	Shrove	tide			5	1	Aries		ether.		
14	C	Valentine				6	2		14	* ♀ ☾		
15	D	♂	22	1	♊	7	2		27	Cold and cloudy.		
16	E	Ashwednesday				8	2	Taur.	9	Some winde		
17	F	h	0	6	m	9	2		21	♂ ☾		
18	G	♀	15	31	☿	10	2	Gem.	3	Temperate.		
19	A	♀	14	40	☿	11	2		15	♂ ☾		
20	B					12	2		27	♀♀ Showers of		
21	C	♂	4	3	Ω	13	2	Canc.	9	rain and winde.		
22	D	♂	27	13	♊	14	3		21	♂ 3 59 Ω		
23	E	Td.	h	♀		15	3	Leo	3	♂ ☾ Fair day.		
24	F					16	3		15	Winde and rain.		
25	G					17	2		28	* ♀ ☾ Cold abated		
26	A	♀	clong.	max.		18	2	Virg.	12	but mixed weather.		
27	B	2	fund.	In Len.		19	2		25	♂ ☾		
28	C	♀	22	35	☿	10	2	Libra	9	♂ ☾		

Nona brought in also this moneth, and named it *February*, from *Februus* (otherwise called *Pluto*) in honour of whom the Heathens used to offer great sacrifices this moneth, and to perform vows for the souls of the dead.

Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	7	17	4	43
2	7	15	4	45
3	7	13	4	47
4	7	10	4	50
5	7	8	4	52
6	7	6	4	54
7	7	4	4	56
8	7	2	4	58
9	7	0	5	0
10	6	58	5	2
11	6	56	5	4
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	44	5	16
18	6	42	5	18
19	6	40	5	20
20	6	38	5	22
21	6	36	5	24
22	6	34	5	26
23	6	32	5	28
24	6	30	5	32
25	6	28	5	30
26	6	26	6	34
27	6	24	5	36
28	6	22	5	38

February.

Last quarter the 5 day, 56 min. past 8 at night.
 New moon the 12 day, 20 min. past ten at night.
 First quarter the 20 day, 14 min. past 11 at night.
 Full moon the 28 day, 35 min. past ten before noon.

1	D	Dabid	21	1	Libr.	23	Hot enough for the
2	e	Stimplicius	22	1	Scorp.	7	time, but
3	f	h 29 30	23	1		23	not without winde.
4	g	Adrian	24	0	Sag.	6	* ♂ ☾
5	a	3 17	25	0		20	* ♀ ☾
6		3 sun. in Lent	26	0	Capr.	4	Something cooler.
7	c	♂ 6 59	26	59		18	♂ 3 12. ♀
8	o	♀ 18 50	27	59	Aqu.	2	Clouds or
9	e	♀ 3 46	28	58		15	rain. ♂ ♀ ☾
10	f		29	57		29	△ h ☾ Like to
21	g	h 19 2	0	57	Pisces	13	be windie wea-
22	a	Gregory	1	56		26	ther.
23		Midlentiaunday	2	55	Aries	9	Warm
24	c	♂ 3 2	3	55		21	and good, but
25	d	♂ 13 1	4	54	Taur.	5	windie.
26	e	Cyrtacus	5	53		17	♂ ☾
27	f	Gertrude	6	52		29	Very good wes-
28	g	in Apog.	7	51	Gem.	11	ther.
29	a	Td. h ♂	8	50		23	△ h ☾
30		5 sun. in Lent.	9	50	Canc.	4	☾ ☾
31	c	Bj. h ♀	10	49		16	From hence more
32	d	♀ 27 39	11	48		28	winde, and some
33	e	♀ 25 29	12	47	Leo	11	storms on severall
34	f	Vc. h ♀	13	45		23	days.
35	g		14	44	Virg.	6	Td. ☾ ♀ Good
36	a	Castulus	15	43		20	weather for the
37			16	42	Libr.	4	Spring.
38	c	Vc. ♀	17	41		18	△ ♂ ☾
39	d	h 27 46	18	40	Scorp.	2	Rain from the
40	e	♂ 3 11	19	38		17	South.
41	f	♂ 25 5	20	37	Sag.	2	△ ♀ ☾ Fair.

It *March* proves milae he welcomes in the Spring. *Romulus* gave him this name, in honour of *Mars* his supposed father. This was about the time of the building of *Rome*, and was then by the old *Romans* accounted the first moneth of the year.

March.

Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	29	6	31
27	5	27	6	33
28	5	25	6	35
29	5	23	6	37
30	5	21	6	39
31	5	19	6	41

Last quarter the fourth day, 38 min. past three morning.
 New moon the 11 day, half an hour past noon.
 First quarter the 19 day, 50 min. past four after noon.
 Full moon the 26 day, 47 min. past 7 at night.

1	G	4	3	15	Ω	31	36	Sag.	16	Temperate.
2	B	Id.	4	Q.		32	34	Capr.	0	Some winde, and
3						33	33		15	cooler.
4	C	Embrose bish				34	31		19	♂ ♀ ☾ Good
5	D	Q	20	3	V	35	30	Aqua.	12	weather.
6	E	h	27	10	♈	36	28		26	After this expect
7	F					37	27	Pisces	9	hail, snow, or
8	G					38	25		22	other cold windie
9	B	♀	Occident.			39	23	Aries	5	storms Δ ♀ ☾
10						40	22		18	on many dayes,
11	C	Octsb. Pasch.				1	20	Taur.	1	♂ ♀ ☾ even to
12	D	♂	4	1	2	2	18		13	he 12 and 14.
13	E	Justine				3	17		25	Warmer, but wind
14	F					4	15	Gem.	7	and thunder-like
15	G	Olympia				5	13		19	about this time.
16	A	Bq. h ♀				6	11	Canc.	1	* ☉ ☾ Cooler,
17		2 aft. Easter				7	9		12	with showers * ☉ ☾
18	C	Quind. Pasch.				8	7		24	Cool at night, and
19	D	h	26	11	♈	9	6	Leo	6	cloudy.
20	E					10	4		19	☉ ♀ ☾ Windie.
21	F	4	4	37	Ω	11	2	Virg.	1	Something warm.
22	G	♂	11	41	X	11	59		14	Thunder-like
23	A	George mart				12	57		28	♂ ♀ ☾ fit for
24		3 after Easter				13	55	Libra	12	the reason.
25	C					14	53		26	Cloudy and cool.
26	D	Tres Pasch. 25				15	51	Scorp.	11	
27	E	Anastatius				16	49		26	The 17 &
28	F	Vitalis				17	47	Sag.	10	18 some winde.
29	G	♀	3	24	V	18	44		25	* ♀ ☾ Rain at
30	A	♀	9	36	II	19	42	Capr.	10	night. * ♂ ☾

Some this moneth is called *April*, from
ἀπρί, *σπυρμα*; ex qua ortum fuisse *Vene-*
rem Poetæ opinantur. But *Varro* more tru-
 ly deriveth it, *ab aperiendo* from opening:
 because the earth beginneth to be open
 now, and to afford fine flowers, and other
 good things out of her treasury.

April.

Dates of the moneth	Sun rising.		Sun setting.	
	H. M.	H. M.	H. M.	H. M.
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	14
17	4	44	7	16
18	4	43	7	17
19	4	41	7	19
20	4	39	7	21
21	4	37	7	23
22	4	35	7	25
23	4	34	7	26
24	4	32	7	28
25	4	31	7	29
26	4	29	7	31
27	4	27	7	33
28	4	25	7	35
29	4	24	7	36
30	4	22	7	38

May hath xxviij. dayes.

Last quarter the 3 day, 46 min. past 10 before noon.

New moon the 11 day, 46 min. past 3 in the morning.

First quarter the 19 day, 45 min. past 6 in the morning.

Full moon the 26 day, 28 min. past 3 in the morning.

1		10	40	Capr.	25	△ ♀	This
2	C	Menf. Pasch.	21	38	Aquar.	9	moneth affords us
3	D	h 25 14 ☐	22	35		23	many fine pleasant
4	E	Florianus	23	33	Pisces	6	dayes.
5	F	Vc. h ☉	24	31		19	* ☉ ☾
6	G	John Port. lat.	25	28	Aries	1	△ ♀ ☾
7	A	♂ 6 27 ♀	26	26		15	♂ ♀ ☾
8			27	23		27	Cloudy and
9	C	Quinq. Pasch.	28	21	Taur.	9	cool.
10	D	♂ 25 10 ✕	29	18		22	* ♂ ☾
11	E		30	16	Gem.	4	♂ ☉ ☾
12	F		1	14		15	* ♀ ☾
13	G	Craft. Ascen.	2	11		27	Some winde and
14	A	♀ 1 29 ♀	3	8	Canc.	9	rain the 13 and 14
15		6 after Easter.	4	6		21	dayes.
16	C		5	3	Leo	3	A pleasant day.
17	D	♀ 26 20 ♀	6	1		15	* h ☾
18	E		6	58		27	△ ♀ ☾ Hastie
19	F	Bernard	7	56	Virg.	10	showers.
20	G	h 24 19 ☐	8	53		23	Some winde.
21	A	♂ 8 28 ♀	9	50	Libra	6	temperuous.
22			10	47		20	♂ h ☾ Some
23	C	Desiderius	11	44	Scorp.	4	sudden rain.
24	D	♂ 5 30 ♀	12	41		19	☾ ☽
25	E	Urbane	13	39	Sagl.	4	△ ♀ ☾ Very
26	F	♀ 2 59 ♀	14	36		19	good weather.
27	G	♀ 26 33 ♀	15	33	Capr.	4	☾ ♂ ☾ Thunder
28	A	h 24 2 ♀	16	31		19	hot rain.
29			17	28	Aqua.	4	Fair and good.
30	C	Craft. Trin.	18	25		18	△ ♀ ☾ Hot
31	D	♂ 10 8 ♀	19	22	Pisces	2	and various.

When *Romulus* the first King of the *Romanes* would that the citie should be increased with inhabitants, having distinguished the people into *Majores* and *Minores*; he ordained this moneth should have 31 days, calling it *May*, à *majoribus populi*, to whom it was dedicated.

May.

Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	3	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	48	8	12
30	3	47	8	13
31	2	46	8	14

Last quarter the 1 day, 21 min. past seven at night.
 New moon the 9 day, 14 min. past 7 at night.
 First quarter the 17 day, 47 min. past 5 after noon.
 Full moon the 24 day, 24 min. past ten before noon.

1	e	Nichodemus	10	19	Phe.	16	Δ h ♀ Drie
2	f	Corp. Christi	21	16		23	and very windie
3	g		12	13	Aries	12	♂ ☉ ♀ with
4	a	2 13 35 ≈	23	10		21	thunder, hail, or
5		1 after Trin.	24	7	Taur.	7	Δ ☉ h dark wea-
6	e	Octab. Trin.	25	5		19	ther. ♂ ♀ ☾
7	d	4 11 22 Ω	26	2	Gem.	0	Clearer weather.
8	c	Edward	26	59		12	* ♂ ☾
9	f	3 17 5 V	27	56		24	Some storms;
10	g	Onuphrius	28	53	Canc.	6	
11	a		29	50		18	☿ ♂ ☾
12		2 after Trin.	0	47	Leo	0	* ♂ ♀
13	c	Quind. Trin.	1	44		12	Thunder-like, and
14	d	Malering	2	41		24	on the 14 and 16
15	e	Alfred	3	38	Virg.	7	some rain. * ☉ ☿
16	f	Rowland	4	35		19	☿ ♀ ☾ windie.
17	g	Wolp	5	32	Libra	2	Td. h . Hail,
18	a	2 19 19 ♂	6	29		15	or thunder.
19		3 after Trin.	7	27		26	☿ ♀ ☾ A mere
20	c	Tres Trin.	8	24	Scorp.	2	☿ ♀ ♀ milde tem-
21	d	2 19 57 II	9	21		28	per of weather like
22	e		10	18	Sag.	12	Td. ♀ ♂ to be now
23	f	h 13 45 ≈	11	15		27	Δ ♂ ☾
24	g		12	1	Cap	13	♂ ☉ ☾
25	a	4 14 50 Ω	13	0		28	☿ ♂ ☾
26		4 after Trin.	14	6	Aqua.	13	Δ h ♀ windie.
27	c	7 Sleepers	15	3		27	SS. ☉ ☿ Fair and
28	d	3 0 21 ♂	16	0	Phe.	11	good clear weather
29	e		16	57		28	most what a good
30	f	2 13 21 II	17	54	Aries	8	while together.

June in like manner was so named à Junioribus populi, as Ovid sheweth. But others fetch it from *Junio*, because of the many honours done to her at this season. Or else it is called *June* from *Junius Brutus* the first Consul, who on the first day performed holy rites to the goddess *Carnea*.

June.

The longest day. It is with us (at or about Cambridge) 16 houres and 34 minutes long.

Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	3	46	8	14
2	3	46	8	14
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	44	8	16
16	3	44	8	16
17	3	45	8	15
18	3	45	8	15
19	3	46	8	14
20	3	46	8	14
21	3	47	8	13
22	3	47	8	13
23	3	48	8	12
24	3	48	8	12
25	3	49	8	11
26	3	49	8	11
27	3	50	8	10
28	3	50	8	10
29	3	51	8	9
30	3	52	8	8

Last quarter the 1 day, 40 min. past 6 in the morning.
 New moon the 9 day, 15 min. past 10 in the forenoon.
 First quarter the 17 day, 20 min. past 2 in the morning.
 Full moon the 23 day, 32 min. past 5 after noon.
 Last quarter the 30 day, 53 min. past 8 at night.

1	G	2	18	53	II	18	53	Aries	21	Good weather
2	B	Victr. Mary	19	49		19	49	Taur.	3	most what till
3		San r Trin.	20	46		20	46		16	* ♀ the sixth
4	C	Miticos	21	43		21	43		27	and seventh
5	D	Ynsclun	22	40		22	40	Gem.	9	* ♀ ☾ dayes.
6	E	h 14 2 ☐	23	37		23	37		21	Thunder
7	F	Becket	24	34		24	34	Canc.	3	and hail, and not
8	G	Chilian	25	31		25	31		15	very hot- till the
9	H	Cytil	26	29		26	29		27	Δ ♂ ♀ 12 and
10	I	6 after Trin.	27	26		27	26	Leo	9	13 dayes.
11	J	Pinus	28	23		28	23		21	Pleasant. ♂ ♀ ☾
12	K	4 18 19 Ω	29	20		29	20	Virg.	4	Δ ♂ ☾ Hot and
13	L		0	18		0	18		10	rainy weath. * ♀ ☾
14	M	5 11 2 ♂	1	15		1	15		29	■ ♀ ☾ Scarce
15	N	Whistlin	2	12		2	12	Libr.	12	Peaters S. fair.
16	O	7 2 18 ☐	3	9		3	9		25	Winde
17	P	7 after Trin.	4	7		4	7	Scorp.	9	and showers.
18	Q	♀ 29 12 ☐	5	4		5	4		23	Better weather till
19	R		6	1		6	1	Sag.	7	the 23 day.
20	S	Margaret	6	50		6	50		21	Perig.
21	T	h 24 4 ☐	7	56		7	56	Capr.	6	♂ ♀ ☾ Like to
22	U	Warp Wago.	8	51		8	51		2	be some rain.
23	V	12 10 41 Ω	9	51		9	51	Aqua.	6	Great
24	W	8 after Trin.	10	48		10	48		21	winds.
25	X		11	46		11	46	Pices	6	♀ 21 7 Ω
26	Y	12 37 ♂	12	41		12	41		20	Some clouds.
27	Z	Martha	13	41		13	41	Aries	4	Thunder with
28	A	♀ 16 41 ☐	14	38		14	38		17	great
29	B	Beatrice	15	36		15	36	Taur.	0	winds. &
30	C	2 23 39 Ω	16	32		16	32		12	perhaps hail too.
31	D	2 after Trin.	17	31		17	31		24	* ♀ ☾ ♂ ♂ ☾

This moneth of old time was called *Quintilis*, because it was the fifth from March: but it lost that name in the dayes of *Julius Cesar*, and in honour of him, born on the fourth Ides thereof, was called *July*, as both *Macrobius* and *Censorinus* shew.

Days of the moneth	Sun rising.	Sun setting.	Ho. M. Ho. M.
1	3	53	8 7
2	3	54	8 6
3	3	55	8 5
4	3	56	8 4
5	3	57	8 3
6	3	58	8 2
7	4	59	8 1
8	4	0	8 0
9	4	1	7 59
10	4	3	7 57
11	4	4	7 56
12	4	6	7 54
13	4	7	7 53
14	4	8	7 52
15	4	10	7 50
16	4	11	7 49
17	4	13	7 47
18	4	15	7 45
19	4	16	7 44
20	4	18	7 42
21	4	19	7 41
22	4	21	7 39
23	4	22	7 38
24	4	24	7 36
25	4	26	7 34
26	4	27	7 33
27	4	29	7 31
28	4	30	7 30
29	4	32	7 28
30	4	34	7 26
31	4	36	7 24

July.

August 1st. 1711. Mayes.

New moon the 8 day, 34 min. past one in the morning.
 Full quarter the 15 day, 30 min. past nine before noon.
 Full moon the 22 day, 3 minutes past two morning.
 Last quarter the 29 day, 10 min. past two afternoon.

1	Leo	18	29	Gem.	6	Hot weather.
2	15 25	19	27	18	Thunder-like.	
3	23 7	20	23	Canc.	0	* 2
4	21st	21	21	11	Cool and moist.	
5	24 32	22	20	23	Rain after noon.	
6	27 24	23	17	Leo	0	with Pleiades.
7	10	24	15	18	Fair wind and	
8	10 2	25	12	Virg.	0	hot weather.
9	10 2	26	11	13	Something cool	
10	12 5	27	9	25	and clouds.	
11	12 5	28	6	Libra	9	Thunder and heat.
12	15 12	29	4	22	* 2	
13	15 12	0	1	Scorp.	5	* 2
14	15 12	1	0	19	10 2	
15	15 12	2	58	Sagitt.	3	Hot and 8 8
16	15 12	3	56	17	windy	
17	15 12	4	54	Capr.	1	2 2
18	15 12	5	50	16	SS. 2	
19	15 12	6	48	Aqua.	0	winds very
20	15 12	7	46	11	end of the week.	
21	15 12	8	45	25	* 2	
22	15 12	9	43	Pisces	14	8 0
23	15 12	10	41	28	* 8	
24	15 12	11	39	Artes	11	Dile 8 8
25	15 12	12	37	25	weather.	
26	15 12	13	35	Taur.	8	8 0
27	15 12	14	36	10	8 8	
28	15 12	15	34	Gem.	2	8 8
29	15 12	16	33	14	8 8	
30	15 12	17	31	26	Cool * 2	
31	15 12	18	29	8	and moist.	

This month of old was called Sexilis, but in honour of Augustus, who (in the 38 Julian year) took order for a mending of the Kalender, it was by a decree in Senate appointed to be called August, according to the name of Augustus the Emperour.

August.

Days of the Month		Sun. rising		Sun. setting	
Ho.	M.	Ho.	M.	Ho.	M.
1	4	37	7	23	
2	4	39	7	21	
3	4	41	7	19	
4	4	43	7	17	
5	4	44	7	16	
6	4	46	7	14	
7	4	48	7	12	
8	4	50	7	10	
9	4	52	7	8	
10	4	54	7	6	
11	4	56	7	4	
12	4	58	7	2	
13	5	0	7	0	
14	5	2	6	58	
15	5	4	6	56	
16	5	6	6	54	
17	5	8	6	52	
18	5	10	6	50	
19	5	12	6	48	
20	5	14	6	46	
21	5	16	6	44	
22	5	18	6	42	
23	5	19	6	41	
24	5	21	6	39	
25	5	23	6	37	
26	5	25	6	35	
27	5	27	6	33	
28	5	29	6	31	
29	5	30	6	30	
30	5	32	6	28	
31	5	34	6	26	

September hath xxx. dayes.

New moon the sixth day, 56 min. past one afternoon.
 First quarter the 13 day, 46 min. past three afternoon.
 Full moon the 20 day, 53 minutes past noon.
 Last quarter the 28 day, 34 minutes past nine morning.

1	f	h	28	3	☾	18	12	Canc.	10	♂ ♀	Very good
2	g	Veronica				19	26	Leo	3	& pleasant weath.	
3	h	♂	26	47	♈	20	25		15	for many dayes	
4		14 after Trin.				21	24		27	together.	♂ ♀
5	e	♂	10	16	♈	22	22	Virg.	10	♂	☾
6	d	Magnus				23	21		23	♀ clong. max.	
7	e	Regina				24	20	Libr.	9	♂	☾
8	f	Nat. of Mary				25	18		20	Cloudy & cool	
9	g	♀	9	16	♈	26	17	Scorp.	3	the 8, or 9 rather.	
10	h	♀	23	9	☾	27	16		17	☾.	
11		15 after Trin.				28	15	Sag.	1	Variable.	
12	c	SS. h			☉	29	13		15	♂ ♀	Storms
13	d					0	12		29	of rain & wind, &	
14	e	Holy Rood.				1	11	Capr.	13	♂ ♀	thunderlike
15	f	Nichodem.				2	10		27	Temperate and	
16	g	Euphem.				3	9	Aqua.	11	better weather.	
17	h	Lampert				4	9		15	♂ ♀	☾
18		16 after Trin.				5	8	Pisces	9	♂	☾ 10 p.
19	c	♂	3	5	♈	6	7		23	Rain like.	
20	d	Faulsta				7	6	Aries	7	♂	☉ ☾
21	e					8	6		21	* ♂	☾
22	f	Martinius				9	4	Taur.	4	Cloudy and	
23	g	Edmias				10	3		16	cool.	
24	h	Samuel				11	3		29	♂	☾
25		17 after Trin.				12	2	Gem.	11	Temperate.	
26	c	Egyptian				13	1		23	SS. h ♀	Cool
27	d	Apog.				14	0	Canc.	6	and missing.	
28	e	☾			☉	15	0		17	Flying clouds.	
29	f					16	0		29	Much Wind and	
30	g	♂			♀	16	19	Leo	10	rain to the end.	

September the seventh from March, was sometimes called *Germanicus*, from *Germanicus* the son of *Drusus*, who eagerly defended the *Romans* against the *Germanes*, and took order that the unburied reliques of the legions of *Quintilius Varus* should be buried.

September.

Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	5	37	6	23
2	5	39	6	21
3	5	40	6	20
4	5	41	6	18
5	5	44	6	16
6	5	47	6	14
7	5	48	6	13
8	5	50	6	10
9	5	52	6	8
10	5	54	6	6
11	5	56	6	4
12	6	58	6	2
13	6	0	6	0
14	6	2	5	58
15	6	4	5	56
16	6	6	5	54
17	9	8	5	52
18	6	11	5	49
19	6	13	5	47
20	6	15	5	45
21	6	18	5	42
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

October hath xxvi dayes.

New moon the 6 day, 40 minutes past 2 in the morning.
 First quarter the 12 day, 25 min. past 10 at night.
 Full moon the 20 day, 52 min. past two in the morn.
 Last quarter the 28 day, 34 min. past 5 in the morning.

1	♂ ☉ ♀ 1 a	17	59 Leo	23	Great wind, and
2	18 after Trin.	18	18 Virgo	5	various weather.
3	♂ h 1 38 m	19	58	19	♂ ☉
4	♂ 5 57 m	20	58 Libra	1	Unconstant.
5	♂ 18 41. II	21	58	15	Very wet and
6	Faith bliz.	22	57	28	♂ ☉ ♀ windie.
7	Marcellus	23	57 Scorp.	13	♂ ☉
8	♀ 15 26 m	24	57	27	h 2 13 m
9	19 after Trin.	25	57 Sag.	11	Sudden rain
10	♀ direct 11 5 m	26	57	25	or thunder.
11	♂ ☉ ♀ 1 p	27	57 Capri.	10	The 11 & 12 much
12	♂ Penig.	28	57	23	like the 9.
13	♂ ☉ in Capri.	29	56 Aquar.	8	Snow or sleet.
14	Calixtus	0 m 56	21	♂ ☉	
15	♀ 13 35 m	1	56 Pisc.	6	Cloudy cold
16	20 after Trin.	2	57	19	♂ ☉ h winter-like
17	♂ h 3 18 m	3	57 Aries	3	weather.
18	♂ ☉	4	57	16	Windy clouds.
19	♂ h ♀ 9 p	5	57	29	Cold and moylt.
20	♂ Tres Mich.	6	57 Taur.	12	
21	♂ ☉	7	57	25	Storms of
22	♂ ☉	8	58 Gem.	7	hail.
23	21 after Trin	9	58	19	♂ ☉ cold rain
24	♂	10	58 Canc.	1	or snow.
25	♂ in Apog.	11	59	13	Warmer.
26	♂ Mercurius	12	59	25	Sleet. ☉ h ☉
27	♂ Tres Mich.	14	0 Leo	6	Frost like.
28	♂ ☉	15	0	18	♂ ☉
29	♂ h 4 44 m	16	1 Virgo	1	♂ h ☉ Storms of
30	22 after Trin	17	1	13	♂ h ☉ wind, with
1	♂ 10 17 m	18	2	26	hail and rain.

October is the eighth moneth from March, and was sometime called Domitianus, from the name of Domitian the Emperour, the Senate so appointing: But this lasted not long, for they within a while after judged it to be but an unlucky name, both in coyn and Kalender.

October.

Days of the month
Sun rising.
Sun setting.
H. M. H. M.

1	6	39	5	21
2	5	41	5	19
3	5	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	55	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	8	30	4	30
30	7	32	4	28
31	7	33	4	27

November hath xxv days

New moon the 4 day, 30 min. past 2 aft. noon.
 First quarter the 11 day, 25 min. past six in the morning
 Full moon the 18 day, at eight at night.
 Last quarter the 27 day, 26 min. before one in the morn

1	D		19	1	Libra	8	V c ♂ ♀
2	E	All Souls.	20	2		22	The 3 and 4 very
3	F	Craft. anlmar.	21	3	Scorp.	5	wet and windy.
4	G		22	4		20	Q. ♄
5	A		23	4	Sag.	5	White clouds &
6		13 after Trin.	24	5		20	more fair.
7	C	Moon in Perig	25	6	Capr.	4	Sun-shine and
8	D	h 5 55 m	26	7		18	tending to frost.
9	E	♄ 11 27 m	27	8	Aquar.	3	Cold and cloudy.
10	F	♄ 14 3 II	28	9		18	Δ ♂ ☾
11	G	Martin bishop.	29	10	Pisc.	2	Snow or rsin.
12			0	11		15	Craft. Mart.
13		14 after Trin.	1	12		29	Milde weather.
14	C	♀ 1 55 ♀	2	13	Aries	n2	* ♂ ☾
15	D	Leopold	3	13		15	Very wet, but not
16	E	♀ 1 3 ♀	4	14	Taur.	7	greatly cold.
17	F	h 6 56 m	5	15		20	Venus occid.
18	G	Octab. Mart.	6	16	Gem.	2	Cold rain or
19	A	SS. h ♀	7	17		14	inow.
20		25 after Trin.	8	18		26	Very wet, with
21	C	♂ ☉ ♀ 10 p	9	19	Canc.	8	wind and hail.
22	D	♂ & ♀ Occid.	10	21		20	Friety and very
23	E	♄ ♀ 12 p	11	22	Leo	2	much wind and
24	F	♄ ☉ 13 p	12	22		14	storms, the 22,
25	G	Quind. Mart.	13	24		26	23, 24, and 27
26	A	Conzade	14	25	Virg.	8	dayes especially.
27			15	26		20	Vc. h ♂
28	C		16	27	Libra	3	Δ ♂ ☾
29	D	* ☉ ☾ 1 p	17	28		16	The moneth ends
30	E		18	30	Scorp.	0	something mildly.

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Days of the month	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	7	35	4	25
2	7	37	4	23
3	7	36	4	21
4	7	40	4	20
5	7	42	4	18
6	7	44	4	16
7	7	45	4	15
8	7	47	4	13
9	7	49	4	11
10	7	50	4	9
11	7	52	4	8
12	7	54	4	6
13	7	55	4	5
14	7	57	4	3
15	7	58	4	2
16	7	59	4	1
17	8	0	4	0
18	8	1	3	59
19	8	2	3	58
20	8	3	3	57
21	8	4	3	56
22	8	5	3	55
23	8	6	3	54
24	8	7	3	53
25	8	8	3	52
26	8	9	3	51
27	8	10	3	50
28	8	11	3	49
29	8	12	3	48
30	8	13	3	47

November takes the name likewise from
 the order that it beareth in the Kalender;
 but in the dayes of the Emperour *Commo-*
das it was called *Exuperatorius*, by which
 name the flattering sycophants of *Commo-*
das, used to call him.

November.

New moon the 4 day. 52 min. past one in the morning.
 First quarter the 10 day, 21 min. past 5 after noon.
 Full moon the 18 day. 38 min. past one after noon.
 Last quarter the 26 day, 19 min. past five at night.

1	f	h 8 25 m	19	30	Scorp.	14	f	h C	Cloudie
2	g	Candorous	20	32		18			and cold.
3	a	4 13 26 m	21	33	Sag.	13			Sun-shine.
4		2 sun. in Adv.	22	34		28			Rain-like and
5	c	Td. 4 q	23	36	Capr.	13			some wind.
6	d	Nicholaus	24	37		28			Frosty and clear
7	e	Agathon	25	38	Aqua.	13			weather.
8	f	Concep. Mar	26	39		2	*	h C	
9	g	Vc 8 q	27	41	Pices	12	Δ	h C	
10	a	Bq 8 q	28	43		25			Cold wind.
11		3 sun. in Adv	29	43	Aries	9			Snow or rain.
12	c		0	44		22	B1	8 q	13.
13	d	Eucp Virg.	1	46	Taur.	4			Wind and
14	e	Vc 8 o	2	47		17			turn.
15	f	7 15 51 m	3	48		27	8	8 q	5 p
16	g	O Sapientia.	4	50	Gem.	13			Fair and fine
17	a	Razarius	5	51		23			frosty Δ 4 q
18		4 sun. in Adv.	6	52	Canc.	5			weather.
19	c	Apog.	7	54		17	8	8 C	
20	d	8 2 6 II	8	55		29			Cloie aire tend-
21	e		9	56	Leo	11			ing to snow.
22	f	Cherodese	10	58		23	4	13 49 m	retr.
23	g	7 21 0 m	11	59	Virg.	5	*	h C	
24	a	7 0 36 m	12	0		17			Freezing still.
25			14	1		29	Δ	0 4	Clear and
26	c		15	3	Libra	14			some wind the 25,
27	d		16	4		25	Δ	7 C	28, and 29,
28	e		17	5	Scorp.	9	Δ	7 C	especially.
29	f	Bq 4 q	18	6		21	*	8 C	
30	g	David	19	8	Sag.	6			Sun-shine. Δ 4 C
31	a	Silvester	20	9		21			Impetuous.

Days of the Month

Sun. Rising.

Sun. Setting.

December (the tenth from March) was sometime called **Amazonius**; & this also when **Commodus** reigned, who gave his own name to August: September he called **Herculeus**, October **Invictus**; November **Exultatorius**; and December **Amazonius**. But these names for a while

No. D. No. M.

December.

1	14	46
2	14	46
3	15	45
4	15	45
5	16	44
6	16	44
7	16	44
8	16	44
9	17	43
10	17	43
11	17	43
12	17	43
13	17	43
14	17	43
15	17	43
16	17	43
17	17	43
18	17	43
19	17	43
20	17	43
21	17	43
22	17	43
23	17	43
24	17	43
25	17	43
26	17	43
27	17	43
28	17	43
29	17	43
30	17	43
31	17	43

The shortest day. It is with us (at and near Cambridge) but seven hours and 26 minutes long.

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Dove 1659.

Of the Eclipses this year.

There will be three Eclipses this year visible to us in our Horizon, if clouds hinder not: two of the Moon, and one of the Sun.

The first of the Moon will be on the 16 day of April in the evening. It beginneth at 35 minutes past six; is at its greatest darkness one minute past eight; and by 27 minutes past nine it will be fully ended: So that the whole time of this Eclipse is two houres and 52 minutes. And the parts of the Moons body darkned, will be eight digits, 58 minutes, and 25 seconds, the Moon being then in the 16 degree and 12 minutes of Scorpio.

The other Eclipse of the Moon will be upon Thursday the 10 day of October, in the 6 degree and some minutes of Taurus. It beginneth at 41 minutes past one in the morning; is at the greatest darkness eight minutes past three; and endeth 36 minutes past foure: So that the whole time which it lasteth, is two houres and 55 min. and the digits or parts eclipsed be 7 and about 13 min.

That of the Sun is next, and is a great Eclipse. It will be on the fourth day of November, in the afternoon. The beginning is at 51 minutes past one; the middle at four minutes past three; and the end at 13 minutes past four: So that the whole time (from first to last) in this Eclipse, is two houres and 22 minutes. It happens in the two and twentieth degree and about 22 minutes of Scorpio, which is noted to be the most violent sign in all the whole Zodiack. It is eclipsed to the quantitie of well-near nine digits, and treads as near as can be upon the heels (as it were) of the former, which was in the opposite sign unto it: But the first was in the self same sign with it, as they that list to observe may see. And thus much for the Eclipses.

Physical

Physicall Observations.

FOur seasons of the yeare there are in all;
The Summer and the Winter, Spring and Fall:
In every one of these, the rule of reason
Bids keep good Diet, suting every season.

In Summers heat (when choller hath dominion)
Cool meats are best in use in my opinion.
The Fall is like the Spring, but endeth colder:
With wines and spice the Winter may be bolder.

In Spring your dinner must not much exceed;
In Summers heat but little meat shall need:
In Autumn ware you eat not too much fruit;
With Winters cold full meals do fittest sure.

For healthy men may cheese be wholesome food,
But for the weak and sickly 'tis not good.
Long sleep at after-noons, by stirring fumes,
Breeds sloth and agues, aking-heads and rhumes.

Great suppers do the stomach much offend:
Sup light if quiet you to sleep intend.
And think it good advice, not idle talk,
Which after supper saith, 'tis good to walk.

*Fons, Speculum, Gramen, hac dant Oculis relevamen.
Atque igitur montes, sed serum inquirito fontes.*

The meaning of which two verses is this; namely, There
be three things which greatly comfort the sight, that is, Clear
water, a Clear glasse, and Green colours : Wherefore in the
morning walk to the hills, and after supper by the water side.
But beware of great suppers, and late : for great and late sup-
pers do much hurt both the brain and eyes, and are therefore
banished from all healthfull houses.

Dove 1659.

A Table for 38 years
to find the Cycle of
the Sunne, Domini-
call Letter, and
Leap-year.

1657	14	D
1658	15	C
1659	16	B
1660	17	A.G
1661	18	F
1662	19	E
1663	20	D
1664	21	C. B
1665	22	A
1666	23	G
1667	24	F
1668	25	E. D
1669	26	C
1670	27	B
1671	28	A
1672	1	G. F
1673	2	E
1674	3	D
1675	4	C
1676	5	B.A.
1677	6	G
1678	7	F
1679	8	E
1680	9	D.C
1681	10	B
1682	11	A
1683	12	G
1684	13	F. E

yeare of the Lord.	cycle of the sun.	sun letter
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A Table for 38 years to find the
Golden number and Epact.

Year of the Lord.	Golden Number.	Epact.	Year of the Lord.
1657	5	25	1676
1658	6	6	1677
1659	7	17	1678
1660	8	28	1679
1661	9	9	1680
1662	10	20	1681
1663	11	1	1682
1664	12	12	1683
1665	13	23	1684
1666	14	4	1685
1667	15	15	1686
1668	16	26	1687
1669	17	7	1688
1670	18	18	1689
1671	19	29	1690
1672	1	11	1691
1673	2	22	1692
1674	3	3	1693
1675	4	14	1694

Seek the year of the Lord
wherein you desire to be
satisfied, and you shall find
placed directly against it
that which you look for.
And thus must you do in
both tables.

A

Dove 1659.

A perfect Table whereby (if you know but the Golden number and Sunday letter) you may find Easter day for ever.

Mr. standeth for March, and Ap. for April.

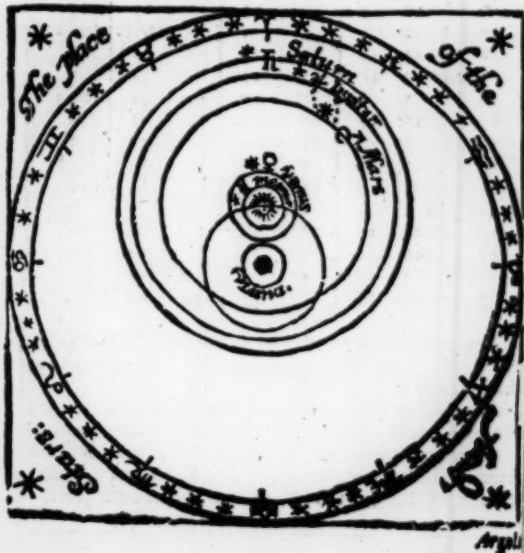
G.N.	A	B	C	D	E	F	G
1	Ap. 9	10	11	12	6	7	8
2	Mr. 16	27	28	29	30	31	Ap. 1
3	Ap. 16	17	18	19	20	14	15
4	Ap. 9	3	4	5	6	7	8
5	Mr. 16	27	28	29	23	24	25
6	Ap. 16	17	11	12	13	14	15
7	Ap. 2	3	4	5	6	Mr. 31	Apr. 1
8	Ap. 23	24	25	19	20	21	22
9	Ap. 9	10	11	12	13	14	8
10	Ap. 2	3	Mr. 18	29	30	31	Apr. 1
11	Ap. 16	17	18	19	20	21	22
12	Ap. 9	10	11	5	6	7	8
13	Mr. 16	27	28	29	30	31	25
14	Ap. 16	17	18	19	13	14	15
15	Ap. 2	3	4	5	6	7	8
16	Mr. 16	27	28	22	23	24	25
17	Ap. 16	10	11	12	13	14	15
18	Ap. 2	3	4	5	Mr. 30	31	Apr. 1
19	Ap. 23	24	18	19	20	21	22

Find the Golden Number on the side, and the Sunday letter on the top, and their common angle of meeting shews you that you seek for.

Example. In this year 1659 the Golden number is 7, and the Sunday letter B. I find 7 on the side, and carry my finger strait on from thence till I come under the letter B which stands on the top: and so doing I find Easter Day this year to be April the 3. The like order is for any other year.

It is an opinion which hath been maintained by many, both elder and later, that the starres are moved in the Heavens by solid Orbs: but by the infallible observations, and unparallelled instruments of the learned Tycho, that opinion is found to be altogether false. Beside which, he hath discovered many other truths: as that ♀ and ♂ move about the ☉, that all the other Planets (except ☾) respect ☉ for their centre. That ♄ in ♂ to ☉ is nearer the earth then ♀ in Apogeon. That ♂ in ♂ is nearer then ☉ himself. I cannot enlarge for want of room: onely see this Figure.

Tycho's Systeme or figure of the Heavens.



Dove 1659.

Argol likewise hath a figure of the Spheres, but not the same with *Tycho's* : yet because they both of them account the earth to be the centre of the world, and unmoveable ; I shall here set it down, that the Reader may as well see the one as the other.

A Systeme or figure of the Heavens, according to *ARGOL*.



C

A

Argoli

A Table shewing the longest day in those places which lie betwixt the Latitude of 36 and 66 degrees.

Deg. of Latitude.	Longest day.			Deg. of Latitude.	Longest day:		
	H.	M.	Sec.		H.	M.	Sec.
37	14	33	4	52	16	30	32
38	14	37	36	53	16	41	52
39	14	44	56	54	16	54	8
40	14	51	22	55	17	7	4
41	14	57	44	56	17	21	4
42	15	4	24	57	17	36	16
43	15	11	20	58	17	52	48
44	15	18	40	59	18	10	48
45	15	26	8	60	18	30	56
46	15	34	8	61	18	53	10
47	15	42	24	62	19	18	24
48	15	51	4	63	19	48	40
49	16	0	8	64	20	34	24
50	16	9	44	65	21	10	32
51	16	19	52	66	22	20	40

Dove 1659.

A table of the increasings & decreasing of the dayes
according as they either lengthen or shorten.

dayes	January ho. mi.	February ho. mi.	March ho. mi.	April ho. mi.	May ho. mi.	June ho. mi.
1	0 30	1 10	3 58	6 4	7 52	9 0
4	0 34	2 16	4 6	6 12	7 58	9 3
6	0 38	2 22	4 14	6 20	8 4	9 5
8	0 44	2 30	4 22	6 26	8 10	9 7
10	0 48	2 38	4 30	6 34	8 18	9 8
12	0 52	2 44	4 38	6 42	8 22	9 8
14	1 0	2 52	4 46	5 50	8 26	0 0
16	1 8	3 0	4 54	6 56	8 32	0 2
18	1 14	3 8	5 2	7 2	8 36	0 3
20	1 22	3 16	5 10	7 8	8 40	0 5
22	1 30	3 24	5 18	7 16	8 44	0 8
24	1 38	3 32	5 26	7 22	8 48	0 11
26	1 46	3 40	5 36	7 30	8 52	0 16
28	1 52	3 50	5 44	7 38	8 55	0 20
30	1 0	0 0	5 52	7 44	8 57	0 24
dayes	July ho. mi.	August ho. mi.	Septem. ho. mi.	October ho. mi.	Novem. ho. mi.	Decemb. ho. mi.
1	0 22	1 42	3 50	5 52	7 46	9 0
4	0 26	2 0	3 58	6 0	7 54	9 3
6	0 30	2 6	4 6	6 8	8 0	9 5
8	0 34	2 12	4 14	6 16	8 8	9 7
10	0 40	2 18	4 22	6 24	8 16	9 8
12	0 44	2 26	4 30	6 30	8 20	9 8
14	0 48	2 34	4 38	6 38	8 24	0 0
16	0 54	2 42	4 46	6 46	8 28	0 1
18	1 0	2 48	4 54	6 51	8 32	0 3
20	1 8	2 56	5 2	6 58	8 36	0 5
22	1 14	3 4	5 10	7 4	8 40	0 8
24	1 20	3 21	5 18	7 12	8 44	0 12
26	1 26	3 30	5 26	7 20	8 48	0 16
28	1 34	3 38	5 36	7 26	8 52	0 20
30	1 42	3 37	5 44	7 34	8 56	0 24

Dayes decrease.

Dayes increase.

Of the foure Seasons of the yeare, and
of the diseases incident to them
as they vary from their
naturall temper.

And first of the Spring.

THe wished and the welcome Spring takes its beginning
with the Sunnes entrance into Aries: which will be this
yeare on the tenth day of March, 58 minutes past noon,
at which time the dayes and nights are of equall length.
This season is naturally hot and moist: But if it so vary
from this naturall temper as that it be windy and drie,
then is it bad for old folks and child-bearing women. If very
wet, expect dangerous Agues the Summer following, with A-
poptumes, Phrensies, and the like. But if very cold and wet,
with many South winds, it is likely to breed dangerous and in-
fectious diseases.

Of Summer.

WHen the Summer quarter is drie and full of
North-winds, and the Autumne after it rainy,
and South-winds common in it, then look for Coughs,
Rhumes, Hoarsenesse, and in some Consumptions, as also
great pains in the head towards the winter after. This quarter
begins with the Sunnes entrance into Cancer on the eleventh
day of June, about four of the clock after noon. The dayes are
now with us, at and about Cambridge, 16 houres and 34
minutes long, and the nights like unto the shortest dayes in
Winter, onely 7 houres and 26 minutes.

Dove 1659.

Of Autumne.

WHen this season is dry and full of North-winds; then shall men and women who are of moist complexion, be in best health: But men of other natures and complexions, shall be disabled with divers dry diseases, with long and sharp Feavers, and other melancholly griefs. This quarter begins on the thirteenth day of September about seven in the morning: and now are the dayes and nights again of equall length, the Sunne then entring Libra.

Of Winter.

THe Winter quarter begins on the 11 day of December, at thirty five minutes past six at night, at which time the dayes are as short as the nights were in the Summer: for now the Sunne enters Capricorn, which is the Signe opposite to Cancer. If the Winter be dry and full of South-winds without frosts, it bringeth pains in the breast, costivenesse in the belly, stopping of the urine, exulceration; with Inflammations and sharpnesse of urine. This is that quarter which is naturally like to old age, in which mans radicall moisture (like oyl in a lamp) being extinguished, death addeth a period to his dayes, like winter storms which kill weak herbs, and old decayed plants.

*And therefore Man thou art bus like to grasse,
Whish springing up with sythe may chaunce be crops
Before the Summer of thy age do passe,
Or Autumnes leaves from fading trees be drops,
Yet is thy hap, if that thou liv'st thus long,
Age like the Swan, will sing thy dying song.*

Dove 1639.

Observations concerning the change
of weather.

Signes of fair weather.

The Sun rising and setting cleare; The Moon cleare
three daies after the Change, or three daies before the
full; Spots appearing in a full Moon; Towards
Sun-setting clouds with golden edges; A cloudy skie
clearing against the wind; The Rain-bow appearing
onely meanly red and yellowish; A red Evening with a
gray morning; The Crow crying betimes in the morn-
ing; Any of these are usuall signes of fair weather.

Signes of rain.

When the Sun in his rising is hid of a black
cloud; when the moon within 3 or 4 daies af-
ter the Change is blunt on both horns; A rain-bow ap-
pearing in a fair day, the greener the more rain; The
extraordinary chattering of the Pile; The often twit-
ting of the Owl; The screaming of the Peacocks;
Cattel licking their hoofs behinde; when the biggest
starres onely appeare, and that mistily; Rute or Lioll
strings cracking when they are not touched; Any of
these are usuall signes of rain.

Signes of wind.

Red clouds in a morning; Often shooting of stars;
Clouds flying swift in a clear aire; The rain-bow
red; Black circles with red strikes about the Sun or
Moon, starres dimbe and scry: But it is a signe of
wind and showery, when the sun-beams appear before
the sun riseth; or if the sun set pale, or be inclosed with
a black circle when he is neare the time of his setting.

Signes of hot weather.

Many Batts flying abroad sooner then ordinary;
A white mist arising out of moors, or waters,
before sunne rise, or after sun-setting; Kites flying
high in the aire; Crows, or Ravens gaping against
the sunne; Stoe of flies playing in the sunne shining
towards night.

Signes of cold weather; of Frost,
of Snow and of Hail.

Clouds flying low, seeming to touch the tops of hills
are signes of cold weather; Great flocks of small
birds gathered together in the beginning of winter, do
foreshew either cold storms, or frosty weather; If in the
winter the sun shine cleare towards night, and redder
then before, any cold wind blowing, expect a frost; The
extraordinary twinkling of the starres foresheweth a
hard frost; Clouds upon heaps like Rocks, in summer
hail, but in winter snow; An obscure circle about the
sunne or moon in the winter, or a sudden overcasting
of the aire, is a very likely token of snow.

Signes of drought.

Starres seeming dim and fiery red, do signifie either
drought, or wind, or both.

Signes of the continuance of a frost,
and of thawing.

Snow falling in the beginning of a frost, if it fall be-
ry small, then is the weather colder, and the frost like
to hold: but if the snow fall big, and in great flakes,
then is it like to thaw very suddenly: other signes of a
thaw may be the sudden turning of the wind, especi-
ally into the South.

Other

Other observations to foreknow the state
of the year

O Rigamus noteth, that the eighth of *June* (being *dies Medardi*) is held to be a Critical day by reason of the doubtfull constitution of the aire, which the stars of the nature of *Venus* and *Mercury* then make: insomuch that if it be a rainy day, it foretelleth a wet & rainy harvest or hay-times: if fair, the contrary; Which observation (saith he) although it doth not alwayes hold, yet doth it seldome altogether fail.

The same authour also saith, that the second of *July* (when the first star in the girdle of *Orion* riseth with the Sun in the 19 degree of *Cancer*) is likewise a Critical day; insomuch that if it rain on the first (or second rather) of *July*, it oftentimes doth (more or les) for four weeks together.

The same authour saith again, that if the 24 of *August* be fair and clear, then do the husbandmen hope for a good and prosperous Autumne to succeed that year.

The first of *September* is also said to be Critical to the Huntsmen in their observation: for first (but the rule doth not alwayes hold) if it rain not on this day, the rest of Autum is like to be dry. Secondly, if the Bucks & Does be hardly brought to copulation, then shall be a backward winter: and so on the contrary: *Ptolomy* (to whom *Stadius* assenteth) saith, that as the swallows begin not at all to appear before the tenth day of *March*, so after the twelfth of *September*, they be seen that year no more.

It is common among the countrey people, to judge of the following winter by the quarter wherein the wind shall be on the first of *November*: But that which is more observable is the second of *November*, which to the Arabian Astrologers was a Critical day, from whence they could know something in general concerning the disposition of the air in rain, thunder and lightning. For if *Jupiter*, *Venus*, and *Mercurie* were then Occidental, or retrograde, they judged much rain to be in that year. They also had an eye to *Saturn* and *Mars*, whether

whether of them were the stronger, as also what societie they had with the other Planets, cheifly with *Mercury*; that so they might judge the better concerning the following changes of the aire.

On the tenth of *November* (being the eve of *S. Martin*) the *Germanes* use to feast themselves with geese; and as *Olaus Magnus* reporteth, the Northern people use by the breast-bone thereof to prognosticate of the following winter. For if the breast-bone of the goose be fair and cleare when the flesh is eaten off, the winter is like to be cold and rigid, full of hard frosts: But if it be thick and dark, then is the winter like to be full of snow, rain or sleet, and yet warm enough. But that this should be a token of such a prognostick, *Origanus* doubteth.

Some take a further knowledge of the state or qualitie of the yeare, after this manner. First (say they) in the end of Harvest cut open two or three oak apples, looking whether there be in them either flies, worms, or spiders; and if in the oak apple be found worms or magots, then they signifie dearth & scarcity that yeare. On if in the oak-apple cut open be found like to flies, it is a signe of some battell to ensue that yeare. Or if in the oak-apple be found like to spiders, then do they foreshew plague or pestilence to follow that yeare. From which and the like calamities, *Good Lord deliver us.*

Some perhaps may think this to be but a superstitious observation; but they are simple and foolish not to know that this proceedeth from the constitution of the aire; which (whether wholesome or unwholsome) appeareth more subtilly in such things as these, then to the sense of man it either doth or can. And if the aire be corrupted, putrefaction abounds, things growing are blasted, the humors altered, blood corrupted, and diseases equivalent produced, as also the mind of man inclined to such and such actions as agree thereunto.

Other



Other profitable instructions right necessary
for husbandmen to know.

And first of Sheep.

IF a Ram be fierce and will not be tamed, catch him and bore a hole through his horn neare his eare.

If when he covereth the ew the wind blow out of the South, then commonly he begetteth a she-lamb: but if it blow out of the North, an he-lamb. Also know that ewes by drinking of water conceive the sooner: for which cause some shepherds use to give them salt to eat, both that they may drink the more freely, and be the better in health.

Note also that when the old rams in their time to cover the ewes, be sooner moved thereto then the young rams, it doth then signifie a good season and prosperous yeare for sheep: But if at the proper time to cover the ew, the young rams be sooner provoked thereto then the old rams, then there is like to follow a great rot and murrain of sheep. The way (say some) to cure them that they die not, is to take the belly of a ram and seeth it in wine and water together, which after mix with water, and give the same generally to all the sheep to drink, and by so doing they shall be cured.

When

When you shear them, if you would that their fleeces should grow again thick and fast, let the Moon be increasing, and by no means past the full, except it be for scabby and infected sheep, such as are every day ready to loose their wool: for it is best to clip them when the moon decreaseth.

Geld sheep and other cattell, the Moon in *Aries*, *Sagittarius*, or in *Capricorn*, being in her last quarter, benignely configured, and free from the rayes of *Saturn* and *Mars*. And if when you wean your calves or other young cattel, you would not that they should prove giddie, be sure that the Moon be not within three dayes of her change, either before or after: For the prime is within 3 dayes and 18 houres before or after the change, as wel as on the very day that the moon changeth.

Directions in planting and grafting, as also in other husbandarie affairs.

IN *January* take off superfluous branches from your fruit-trees, and prepare your ground for Gardens, uncover Tree-roots; cut your Vines in some of the Twelve dayes.

Set Quick-sets, Roses, and sallets in the end of *January*, and the moneth following. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

Plant when the Moon is aspected by *Jupiter* or *Venus* in *Taurus*, *Leo*, *Scorpio*, or *Aquarius*: or in a Conjunction, Sextile, or Trine aspect with *Saturn*, and free from the body and rayes of *Mars*.

In *March*, the weather being warm, and the wind neither in the East or North, you may cut and graft trees, the Moon decrea-

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Dove 1659.

decreasing, and in *Aquarius*, especially if she be configurated with *Jupiter* or *Venus*.

In the end of *April*, or beginning of *May*, set and sow tender Herbs and Seeds in your gardens, in a good temperature of air.

Remove young Trees either in the end of *October*, in *November* or *February* the Moon increasing: and be sure to set that side South which was South before, because it cannot endure the cold North.

Gather all Fruit that you mean to keep, in a drie time, when the Moon is past the full, decreasing, and aspected by *Jupiter* or *Venus*.

Sow all such seeds as have round roots, either three or four daies after the full, or three or four daies before the full, when *Saturn* is in some good aspect with the Moon, and free from the rayes of *Mars*.

Yea, at all times either in sowing of corn or of other seed, it is best to do it when *Saturn* is not combust nor retrograde, nor peregrine; but rather (if you can stay for such a time) when he is in some of his dignities, or in a good aspect of the Moon; and (as I said before) free from the rayes of *Mars*.

Observe this likewise, That if you would have your nails grow fair and clear, then must you use to cut them whilest the Moon encreaseth in *Taurus*, *Libra*, *Aries* or *Leo*, and in some friendly aspect either with the Sun or *Venus*. But however let not the Moon be in *Gemini* or *Pisces*, nor any of those two signs ascending.

Note also that in the weaning of infants, if you would that the childe should not be fond of the nurse, but quickly forget the breast, let not the Moon be in *Taurus*, or *Libra*, but rather in *Gemini*, *Sagittarius*, *Capricorn*, or *Aquarius*, farre from the Sun, near the full, and not at all aspected. For the children that be thus weaned will quickly forget the breast, and be also forward to fasten upon any other food.

How

How to graft fruit that shall have no core.

TAKE a graff and bow it so as both ends may meet: cut both these ends graff-wise, and so fasten them into the stock. And if it grow so with the tree, cut away the great end, and let the smaller end grow: so shall the fruit be without core.

How to make a tree bear red apples.

IF you would that your apples should be red, take a graff of an apple-tree, and graft it in a stock of elm or elder, and it shall bear red apples. Also you may bore an hole in an apple-tree to the pith, and put into the hole water of what colour you will: then stop up the hole with a pin made of the wood of the same tree: So shall the apple be of the same colour with the liquour which you put and stopped into the hole.

How to make a sowre tree bring forth sweet fruit.

IF you have a fruit-tree that is sowre, and would that it should bear sweet fruit, you must dig the root round about and dung it with pigs dung; so shall the fruit be sweet: especially if you take a piercer, and therewith make an hole in the tree to the pith, and into the hole put water tempred with hony, stopping the hole again with a pin of the same tree.

How

Dove 1659.

How to make vines grow on cherry-trees.

IF you would that a vine should grow on a cherry-tree, and have the tast of cherries, set a vine by a cherry-tree till it grow: and in the beginning of *February* make an hole through the cherry-tree in what place you think best: then draw through the hole a branch of the vine, so that it fill the hole, shaving away first as much of the old bark of the vine as shall be in the hole; that is, as much as extends to the thicknesse of your cherry-tree. This done, you shall wrap it well about with good earth, and bind it well with a little cloth, and order it in all things as in other graffings, remembring to cut away the vine from the cherry-tree at the root-end thereof, either then when you first draw it in, or (which is best) a yeare after.

Infalible signes of Rain.

I*n the morning sky or Sunne be red,
Or at the night in cloud he makes his bed;
When Sun or Moon look pale, or seem too great,
Or lamps and lights do spark, and stones do sweat
If Sun be early seen, starres few in sight,
The wind at South, no dew to fall i'th night;
If winds do often change, and frogs are crying,
The Bees in haste unto their hives are flying;
When fleas, and flies, full sore begin to bite,
And birds and beasts, have greedy appetite;
When scelings crack, and peacocks cry amaine,
Soon after look for tempest, or for rain,*

The

Dove 1659.

The Aspects amongst the Planets both
old and new.

♂	Conjunction, in the same signe and degree.	3. 0
♂♂	Semisextile, when Planets are distant 30 degr. or	1. 0
*	Sextile, when they are distant 60 degr. or	2. 0
Q	Quintile, when distant 72 degrees or	2. 1
■	Quartile, when they are distant 90 degr. or	3. 0
T d	Tredicile, when they be distant 108 degr. or	3. 1
Δ	Trine, when distant 120 degrees or	4. 0
B. q	Biquintile, when distant 144 degrees or	4. 2
V c.	Quincunx, when they are asunder 150 degrees or	5. 0
♂	Opposition, when distant 180 degrees or	6. 0

The Characters of the seven Planets, &c.

- 1 ♄ Saturn *his houses*, Capricorn and Aquarius.
- 2 ♃ Jupiter *his houses*, Sagittarius and Pisces
- 3 ♂ Mars *his houses*, Aries and Scorpio.
- 4 ☉ The Sun *his house*, is Leo.
- 5 ♀ Venus *her houses are*, Taurus & Libra.
- 6 ☿ Mercury *his houses*, Gemini and Virgo.
- 7 ☾ The Moon *her house*, Cancer.

The Dragons Head ♁

The Dragons Tail. ☊

A rule to know the Epact, which is the age of
the Moon the 28 of February.

Whensoever the Golden Number is 3, 6, 9, 12, 15, or 18
then the Epact is the same.

The Golden Num. 1 | 2 | 4 | 5 | 7 | 8 | 10 | 11 | 13 | 14 | 16 | 17 | 18

The Epact is 11 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18

FINIS.